





MOTOROKR™ E8
Quick Start Guide

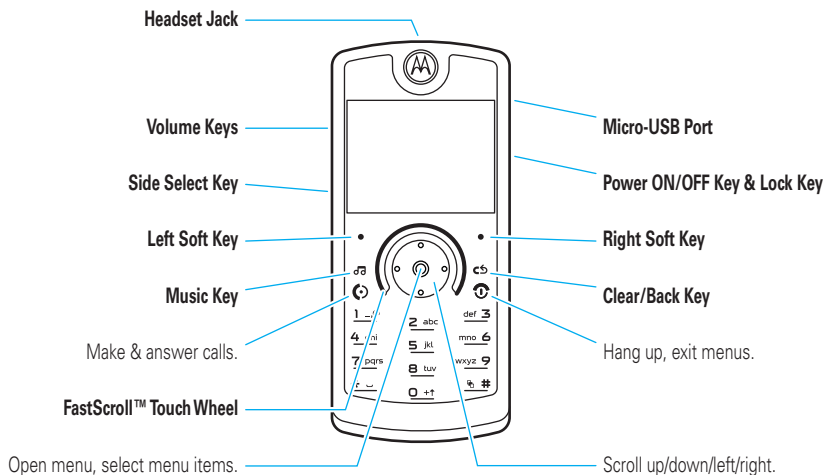
welcome



One touch from talk to music. That's all it takes, on your MOTOROKR™ E8 phone!

- Touch a button and your phone keypad instantly transforms into a dedicated **music** player, through the magic of Motorola **ModeShift™** technology (page 18).
- Transfer your favourite **music** quickly over a USB 2.0 high-speed cable connection and easily with Microsoft® Windows® Media Player 11 (page 20).
- Stream **music** to your Bluetooth® wireless stereo headphones (page 23). Adjust audio settings to optimise sound quality on your stereo headphones or stereo headset (page 23).
- Store up to **1500 songs** in phone memory and **3000 songs** on an optional 4 GB microSD memory card (eAAC+ format at 128 kbps, actual capacity varies by content) (page 11).
- Use the **FastScroll™** touch wheel to find any song, contact, calendar event or multimedia file at the speed you want (page 14).
- Listen to your favourite **FM radio** stations with the 3.5 mm stereo headset (page 28).
- Personalise your **phone!** Customise home screen shortcuts, change main menu layout and appearance to match your style (page 16).
- Capture key moments in a **video** recording, then upload to your blog (page 31).
- Snap pictures automatically with your 2-megapixel multi-shot **camera** (page 35).

For more information: To download the E8 User Guide and more, go to www.hellomoto.com. To get help on your phone, press  >  **Office Tools** > **Help**.

Note: Before using the phone for the first time, review the *Important Safety and Legal Information* guide included in the box. Periodically review this information so you remember how to safely use your phone.



Tip: Press the *centre key*  to open the main menu and select menu options. Press the *clear/back key*  to delete letters or numbers or to go back one menu.

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Use and Care

To care for your Motorola phone, please keep it away from:



liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat or other moisture. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the phone.



dust and dirt

Don't expose your phone to dust, dirt, sand, food or other inappropriate materials.



extreme heat or cold

Avoid temperatures below 0°C/32°F or above 45°C/113°F.



cleaning solutions

To clean your phone, use only a dry soft cloth. Do not use alcohol or other cleaning solutions.



microwaves

Don't try to dry your phone in a microwave oven.



the ground

Don't drop your phone.

European Union Directives Conformance Statement



Hereby, Motorola declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives












The above gives an example of a typical Product Approval Number.


You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at www.motorola.com/rtte. To find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the website.

menu map

main menu

-  **Music**
-  **Shuffle**
-  **Radio**
-  **SongID**
-  **Multimedia**
 - Media Finder
 - Games
 - Camera
 - Video Camera
 - Voice Recorder
-  **Contacts**
-  **Messages**
 - Create Message
 - Inbox
 - My Folders
 - Templates
 - Drafts
 - Outbox
 - Create Postcard *
 - Email
 - Call Voicemail

-  **Web Access**
 - Browser
 - My Bookmarks
 - My Web Pages
 - History
 - Go to URL
 - Browser Setup
-  **Office Tools**
 - Recent Calls
 - Calendar
 - Sync
 - Download Manager
 - File Manager
 - Memory Card
 - My Blog *
 - Music and Sounds
 - Pictures
 - Videos
 - Voice Note
 - Applic. Downloads
 - Unrecognisable Files
 - My Documents
 - Alarm Clock
 - World Clock
 - Calculator
 - Dialling Services
 - Task List
 - Notes
 - Help

-  **Settings**
 - (see next page)

This is the standard main menu layout.
Your phone's menu may be different.

To change your home screen shortcuts and your main menu appearance, see page 16.

Tip: Press  to exit the current menu or press  to exit all menus.

* optional features

settings menu

- **Profiles**
- **Themes**
- **Home Screen**
 - Navigation Keys
 - Change Wallpaper
- **Connections**
 - Bluetooth®
 - USB Setting
 - Media Sync.
 - Memory Card
 - Modem
 - USB Printing
 - Tools
 - Modem & Tools
 - Voice Networks
 - Data Connections
 - Add a Connection
 - Edit a Connection
 - Remove a Connection
- **Call Settings**
 - Speed Dial
 - Call Forward
 - In-Call Setup
 - In-Call Timer
 - Answer Options
 - In-Call Message Alert
 - Roam Alert
 - Call Waiting
 - Auto-Redial
 - Call Drop Tone
 - Dialling Setup
 - My Caller ID
 - DTMF
 - Dialling Prefix
 - Call Barring *
 - Fixed Dialling
 - My SIM Number
 - Active Line *
- **Phone Settings**
 - Display Settings
 - Display Timeout
 - Screensaver
 - Brightness
 - Aeroplane Mode
 - Battery Meter
 - Time & Date
 - **(continued next column)**
- **Phone Settings (continued)**
 - Language
 - Talking Phone
 - Text Entry
 - Reset
 - Reset All Settings
 - Delete All Data
 - Delete Memory Cards
 - View Memory
 - Properties
 - Legal Notices
 - Java System
 - OTA Updates
 - Headset Setting
 - Auto-Answer
 - Voice Dial
 - TTY Settings
- **Security**
 - Phone Lock
 - Application Lock
 - SIM Lock
 - Change Passwords
 - Certificates
- **Network**
 - Current Network
 - Scan Avail. Networks
 - Find New Network
 - My Network List
 - Search Setup
 - Service Tone

* optional features

essentials







CAUTION: Before using the phone for the first time, read the *Important Safety and Legal Information* guide included in the box.

about this guide

This guide shows how to locate a menu feature as follows:

Find it:  >  **Multimedia** > **Camera**

This means that, from the home screen:

- 1 Press the *centre key*  to open the menu.
- 2 Press the *navigation key*  to scroll to  **Multimedia** and press  to select it.
- 3 Press the navigation key  to scroll to **Camera** and press  to select it.

This guide uses the following symbols:

symbols



This means a feature is network, SIM card or subscription dependent and may not be available in all areas. Contact your service provider for more information.



This means a feature requires an optional accessory.



find information

We've crammed all the main features of your phone into this handy guide. If you want more information, you can use the following:

on the web

To download the E8 User Guide and more, go to www.hellomoto.com

on the phone

To get help on your phone, press  >  **Office Tools** > **Help**.

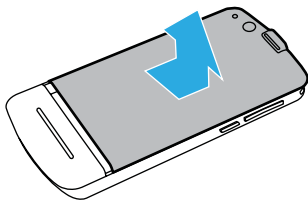
getting started

insert your SIM card

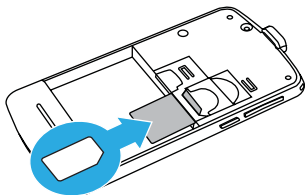
Your *Subscriber Identity Module* (SIM) card stores your phone number and other information.

Caution: Don't bend or scratch your SIM card. Keep it away from static electricity, water and dirt.

1



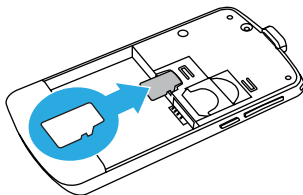
2



insert a memory card

You can store music, photos and other multimedia files on an optional removable microSD memory card.

Caution: Don't bend or scratch your memory card. Keep it away from static electricity, water and dirt. Turn off your phone before you install or remove the memory card.

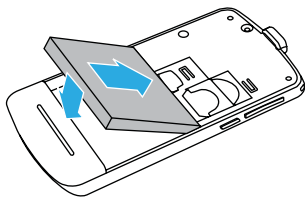


Note: Your phone can use a memory card with up to 4 GB capacity (greater than 1 GB storage guaranteed only for Motorola-approved microSD cards).

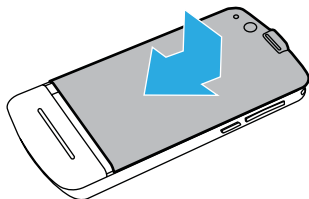
getting started

insert the battery

1



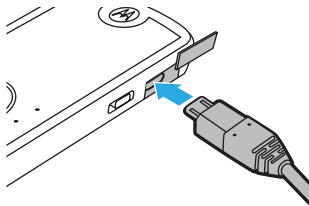
2



charge the battery

New batteries are not fully charged. Open the protective cover on your phone's micro-USB port and plug the battery charger into your phone and an electrical outlet. A battery charge indicator light next to the micro-USB port shows









when the battery is charging. The display shows **Charge Complete** when finished.



Note: When recharging a battery that's completely dead, the time it takes for your phone to power up can vary, depending on the type of battery charger you use. A mid-rate charger might require 30 minutes of charging to power up the phone, while a rapid-rate charger might require only 10-15 minutes. The type of charger provided with your phone can vary by region. A charge light next to the micro-USB port on your phone activates during charging, to show that the phone is functioning properly.

getting started

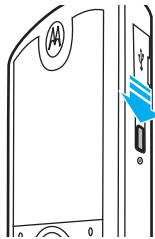
extend battery life

- To turn off **Bluetooth®** power when you're not using it, press 
>  **Settings** > **Connections** > **Bluetooth**, press **Options** > **Setup Bluetooth** > **Bluetooth Power** > **Off**.
- To make your **display** turn off sooner, press  >  **Settings** > **Phone Settings** > **Display Settings** > **Display Timeout** > **5 Seconds**.
- To turn off your **screensaver**, press 
>  **Settings** > **Phone Settings** > **Display Settings** > **Screensaver** > **Off**.
- To reduce the display **brightness**, press  >  **Settings** > **Phone Settings** > **Display Settings** > **Brightness**, and select a lower number setting.


turn the phone on & off

To turn your phone **on**, slide down and hold the *power ON/OFF* key until the display turns on (see illustration at right).

To turn your phone **off**, slide down and hold the *power ON/OFF* key for a few seconds.




make a call


Enter a phone number, then press the *send key* .

Tip: To **voice dial** a call, see your *User Guide*.

answer a call

When your phone rings and/or vibrates, press  to answer.

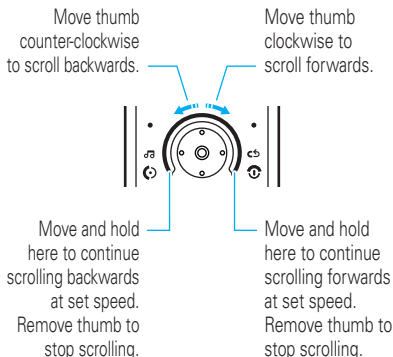
end a call

To “hang up,” press .

getting started

FastScroll™ touch wheel

Use the FastScroll touch wheel to quickly scroll through lists.



Just move your thumb or finger clockwise or counter-clockwise over the FastScroll touch wheel to scroll forwards or back through the list.

Move your thumb slowly for controlled scrolling through option lists. Move it faster to scroll quickly through your contact list or song lists.

Move and hold your thumb at the lower-left or lower-right corner of the FastScroll touch wheel to continue scrolling at the set speed. Move your thumb in the opposite direction to slow or reverse the direction of travel. Remove your thumb to stop scrolling.

Note: When you press hard on the FastScroll touch wheel, you may notice a moving shadow in the illuminated area beneath your finger. This behaviour is normal and is a natural effect of the touch wheel mechanism.



store a phone number

You can store a phone number in your list of **Contacts**.

Note: You can store a new contact in **phone memory**, on your **SIM card** or in both locations. Contacts on the SIM card only have a name and phone number. Use this procedure to store a new contact in both locations:

- 1 From the home screen, press **Shortcuts** > **Create Contact**.
- 2 Enter the contact's first name and last name in the appropriate fields.
- 3 Scroll to **Save to SIM Card** and make sure the option is selected.

getting started

- 4 Scroll to **Number** and press  to select it.
- 5 Enter the contact's phone number in the **Number** field.
- 6 Scroll to **Number Type** and press  to select it.
- 7 Select the phone number type (for example, **Home** or **Work**), then press **Done**.
- 8 Press **Save** to store the contact.


Tip: To learn more about storing phone numbers and email addresses on your phone, see your *User Guide*.


call a stored phone number


To call a number stored in your contact list:

Find it:  >  **Contacts**

- 1 Scroll to the contact.

Shortcut: In the contact list, press keypad keys to enter the first letters of the contact you want. Press  to go to the contact.

Note: If a contact has multiple phone numbers, press  left/right to select the number you want.

- 2 Press  to call the contact.

Note: If you've got contacts stored on your SIM card, but the contacts aren't visible when you open the contact list, you need to copy the contacts into phone memory. Press **Options** > **Import Contacts** > **SIM Card**, press **Options** > **Select All**, press **Import**.

your phone number

To see your phone number:

Find it:  >  **Settings** > **Call Settings** > **My SIM Number**

To see your phone number while you're on a call, press **Options** > **My tel. no.**

To store or edit your name and phone number on your SIM card, select the field you want to edit. If you don't know your phone number, contact your service provider.

main menu appearance

You can personalise the main menu to appear as a grid of graphic menu icons, a text-based list or spinning menu icons that you can scroll through using the left/right nav keys:


Find it: From the main menu, press **Options**
> **View by** > **Grid** or **List** or **Spinner**

rearrange main menu

You can change the order of the main menu features.

From the main menu, press **Options** > **Reorder**, scroll to the feature you want to move, press **Grab**, scroll to the destination location, press **Insert**.


home screen shortcuts

From the home screen, you can press the navigation key  up, down, left or right as shortcuts to your favourite features. You can change the shortcuts to suit your needs.




To **change** navigation key shortcut icons in the home screen:

Find it:  >  **Settings** > **Home Screen**
> **Navigation Keys** > **Up**, **Down**, **Left** or **Right**

Select a direction, then choose the feature you want to open when you press  in that direction.

To **show or hide** navigation key shortcut icons in the home screen:

Find it:  >  **Settings** > **Home Screen**
> **Navigation Keys** > **Icon Display** > **Show** or **Hide**

Note: You can press  to select the features in the home screen even when the icons are hidden.

wallpaper

Change the background wallpaper image in the home screen:

Find it:  >  **Settings** > **Home Screen**
> **Change Wallpaper**, scroll to an image, press **Select**

The new wallpaper is applied to the current theme.

screensaver

Change the screensaver image that appears in your phone's display after a period of inactivity:

Find it:  >  **Multimedia** > **Media Finder**
> **Wallpapers and Graphics**, scroll to an image, press
Options > **Apply to** > **Screensaver**

The new screensaver is applied to the current theme.

Tip: To extend battery life, turn off the screensaver.

introduction

Copying and syncing music between your phone and computer has never been easier, with Microsoft® Windows® Media Player 11.

To listen to music on your phone, you need to:

- ➊ Load music on your computer.
- ➋ Transfer music from the computer to your phone.
- ➌ Use the music player to play and manage music files on your phone.

Note: The unauthorised copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright or materials which you are authorised or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

1. load music on your computer

To create a music library on your computer, you can purchase Windows Media DRM-protected music files from supported online music stores (such as Urge, Yahoo and Napster).

You can also **load song files from a music CD** onto your computer:

- ➊ Insert the music CD in your computer's CD drive.
- ➋ Launch Windows Media Player 11.
- ➌ Copy the music CD to the media player library (also called *ripping* the CD).

If your computer is connected to the Internet, the media player may retrieve CD information, such as song titles, album name, artist name and album artwork. This information will display in your phone's music player.

set default format and bit rate for Windows® Media Player 11

Windows Media Player 11 lets you adjust format and bit rate settings, to optimise sound quality or to increase the number of song files you can store on your phone.

Windows Media Audio format offers the optimal balance between file size and sound quality. Song files in this format tend to require more storage space than files that use Windows Media Audio Pro format.

Windows Media Audio Pro format is designed for use in portable devices with limited storage capacity. The format provides improved sound quality at lower bit rates.

MP3 format is the most popular format for distributing music on the Web. This format offers high sound quality at a reasonable file size.

To set the default file format and bit rate:

- ➊ Insert the music CD in your computer's CD drive.
- ➋ Launch Windows Media Player 11.
- ➌ Select the Rip tab in Windows Media Player 11.
- ➍ Click the Rip tab down arrow, then choose Format > Windows Media Audio, Windows Media Audio Pro or mp3.
- ➎ Click the Rip tab down arrow again, then choose Bit Rate > *bit rate*.

Tip: To maximise the number of songs you can store on the phone, we recommend setting the bit rate to 128 Kbps or lower (use the lowest bit rate that provides an acceptable sound quality).

convert iTunes AAC files to MP3 files on your computer

Use the iTunes desktop application to convert standard iTunes AAC files to MP3 files that are compatible with Windows Media Player 11.

Note: The iTunes desktop application can only convert AAC files ripped from a music CD. It can't convert music files purchased from the iTunes store.

- ➊ Open the iTunes desktop application on your computer.
- ➋ Select Edit > Preferences, then click the Advanced tab and click Importing.
- ➌ Open the Import Using pop-up menu, then select the MP3 Encoder option. Click OK to save your settings.
- ➍ Select one or more songs in your iTunes music library, then choose Advanced > Convert Selection to MP3.

The converted MP3 file copies appear in your computer's music library alongside the original AAC files.

2. transfer music to your phone

Use Windows Media Player 11 to transfer music from the computer to your phone over a high-speed USB 2.0 cable connection. (If necessary, you can download Windows Media Player 11 at www.microsoft.com/windowsmedia).

Note: Windows Media Player 11 requires Windows XP™ or later to run. If you are using an earlier version of Windows OS, see the section “manually transfer music to your phone or memory card” on page 24.

Note: Windows Media Player 11 can only be used to copy music files to your phone. You can't use Windows Media Player 11 to copy pictures or videos to the phone.

When your phone is connected to the computer in media synchronisation mode, Windows Media Player 11 treats the phone as a single memory device and will copy and sync music files to both phone memory and a microSD memory card installed in the phone. (For example, a phone with 2 GB of internal memory and a 4 GB microSD memory card would appear to have around 6 GB of available memory in Windows Media Player 11.)

on your phone

If desired, insert a memory card in your phone (see page 11), then press  >  Settings > Connections > USB Setting > Media Sync.

Attach the Motorola Original USB cable to the micro-USB port on your phone and to an available USB port on your computer.



A Motorola Original USB cable and supporting software may be included with your phone. These tools are also sold separately.

Note: Some phone functions are temporarily unavailable when a USB connection is active.

on your computer

Run Windows Media Player 11. Your phone appears in the upper right corner of the Windows Media Player 11 screen. The phone's music files are listed on the left side of the screen.

- 1 Select the Sync tab in Windows Media Player 11.
- 2 Drag and drop songs or playlists onto the Sync List on the right side of the Windows Media Player 11 screen.
- 3 Click Start Sync to copy the songs onto the phone.
- 4 When you finish, disconnect your phone from the computer.

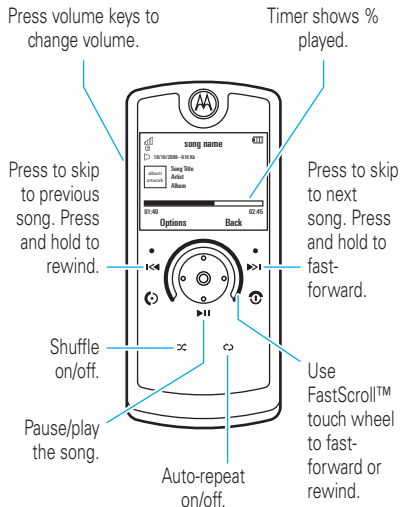
3. play music

To play music on your phone:

Find it:  > category > song or playlist

You can select a song or playlist from the following categories: **Recently Played**, **Shuffle Songs** (play all songs in random order), **All Songs**, **Playlists**, **Artists**, **Albums**, **Genres** or **Composers**.

When a song or playlist starts to play, use the following keys to control song playback:



During a song, the music player shows the song title, artist, album and artwork, if available.

Note: If you receive a call during a song, the song pauses until the call is over.



music


When a song is playing, press **Options** to select music player options:

options	
Manage	Show song Properties , such as file name, type and size.
Remove	Delete the song file.
Send to	Send the song in a message or email or send it to another device over a Bluetooth® connection.
Apply to	Add the song to a playlist or make it a ringtone.

options	
Use Bluetooth/ Use Handset	<p>To send the audio to a Bluetooth® headset, turn on Bluetooth power, then select Use Bluetooth to connect to a recognised Bluetooth headset or search for a new headset.</p> <p>When a Bluetooth audio connection is active, select Use Handset to drop the Bluetooth connection and switch the audio back to the phone.</p> <p>Note: This option appears only when Bluetooth power is turned on.</p>
Setup	Customise settings.

hide the music player

To **hide** the music player while music plays, press . The phone returns you to the home screen, where you can use the nav key  to control song playback.

To **return** to the music player from the home screen, press  up.

use Bluetooth® stereo headphones


Connect your phone with optional Bluetooth stereo headphones to listen to music stored on your phone.



To connect your phone to a set of Bluetooth stereo headphones for the first time, make sure the headphones are **on** and **ready** in *pairing* or *bonding* mode (see the device user guide).

Find it:  >  Settings > Connections > Bluetooth, press Options > Search for Device > Headset

Your phone lists the Bluetooth audio devices it finds within range.

- 1 Scroll to the stereo headphones in the list.
- 2 Press  to connect with the stereo headphones.

adjust audio settings

You can adjust audio settings to optimise the sound quality when listening to music through the phone speaker, stereo headphones or stereo headset.

To change **playback volume**, press the volume keys on the side of your phone.

To change the **equalizer setting**, press Options > Setup > Equalizer > *equalizer effect*.

To set **stereo separation**, press Options > Setup > 3D Stereo > *separation level*.

To set **bass boost**, press Options > Setup > Bass Boost > *bass level*.

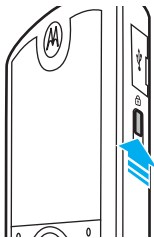
Note: The equalizer and stereo effect settings are best experienced using a 3.5 mm wired headset or stereo headphones. Your phone cannot produce stereo effects through the built-in monaural speaker.

lock phone keys

You can lock the phone keys to prevent accidental keypresses while playing a song or playlist.



To **lock the phone keys**, slide the *lock key* up (as shown in the illustration at right).

To **unlock the phone keys**, slide the lock key back down to the centre position. **Note: Do not slide the lock key all the way down to the bottom power ON/OFF position.**





perform other tasks while playing music



To take **pictures** or record **videos** while playing music:

- 1 From the music player screen, press  to go to the home screen.
- 2 Press the side select key to activate the camera.
- 3 Press  to take a photo.



or

Press  to switch to video camera mode, then press  to record a video.

To use the **browser** while playing music:

- 1 From the music player screen, press  to go to the home screen.
- 2 Press **Main Menu** >  **Web Access** > **Browser**.

To return to the **music player** from another application:

- 1 Press  to return to the music library.
- 2 Press  to return to the music player.

manually transfer music to your phone or memory card

Without using Windows Media Player 11, you can manually copy or sync music files from the computer to phone memory or to an optional microSD memory card in the phone. (To insert a memory card, see page 11).

supported audio formats

Before you copy audio files to your phone, make sure the files are in a format the phone recognises:

AMR-NB: 4.75 kbps to 12.2 kbps (supports all 3GPP specified rates), 8 kHz, mono - .amr, .3gp, .3ga, .mp4 file extensions - MIME Audio/amr, Audio/mp4, Audio/3gpp, Video/mp4, Video/3gpp.
AMR-WB: 6.6 kbps to 23.85 kbps (supports all 3GPP specified rates), 16 kHz, mono - .awb, .3ga, .3gp file extensions - MIME Audio/amr-wb, Audio/3gpp, Video/3gpp.
AAC (MPEG4 AAC-LC): Up to 192 kbps CBR, 48 kHz max sampling rate, mono/stereo - .mp4, .3gp, .m4a, .3ga, .aac file extensions - MIME Audio/m4a, Audio/mp4, Audio/3gpp, Video.mp4, Video/3gpp, Audio/aac.
AAC+: 16 to 128 kbps, up to 48 kHz, mono/stereo - .mp4, .3ga, .m4a, .aac file extensions - MIME Audio/mp4, Audio/3gpp, Audio/m4a, Audio/aac.
Enhanced AAC+: 16 to 128 kbps, up to 48 kHz, parametric stereo - .mp4, .3ga, .m4a, .aac file extensions - MIME Audio/mp4, Audio/3gpp, Audio/m4a, Audio/aac.
MP3: Up to 320 kbps, up to 48 kHz, mono/stereo - .mp3, .mpga file extensions - MIME Audio/mp3, Audio/x-mp3, Audio/mpeg3, Audio/x-mpeg3, Audio/mpeg, Audio/mpg, Audio/x-mpeg, Audio/x-mpg.

8-bit Linear PCM: Up to 320 kbps, 8/11.05/12/16 kHz, stereo/mono - .wav file extension - MIME Audio/L8, Audio/wav.
16-bit Linear PCM: Up to 320 kbps, 8 kHz, stereo/mono - .wav file extension - MIME Audio/L16, Audio/wav.
8-bit A-law PCM: Up to 320 kbps, 8/11.05/12/16 kHz, stereo/mono - .wav file extension - MIME Audio/pclaw.
8-bit mu-law PCM: Up to 320 kbps, 8/11.05/12/16 kHz, stereo/mono - .wav file extension - MIME Audio/pcmu.
WMA v9 L2 (also WMA v3, v7, v8): Up to 320 kbps, 48 kHz, stereo/mono - .wma file extension - MIME Audio/x-ms-wma.
Real Audio LBR (Cook): Up to 96 kbps, 8/11/22/44 kHz, stereo/mono - .rm, .ra file extensions - MIME Audio/x-pn-realaudio, Audio/vnd.rn-realaudio.
Real Audio Sipro (ACELP®.net): 5.0 kbps (fixed rate) at 8 kHz sampling rate, 8.5/6.5 kbps (dual rate) at 8 kHz sampling rate, 16 kbps (wide-band) at 16 kHz sampling rate, mono - .rm, .ra file extensions - MIME Audio/x-pn-realaudio, Audio/vnd.rn-realaudio.
Real Audio 10: Up to 192 kbps, 8/11/12/16/22.05/24/32/44.1/48 kHz, stereo/mono - .rm, .ra file extensions - MIME Audio/x-pn-realaudio, Audio/vnd.rn-realaudio.

on your phone

Press  >  Settings > Connections > USB Setting
> Memory Card

Attach the Motorola Original USB cable to the micro-USB port on your phone and to an available USB port on your computer.



A Motorola Original USB cable and supporting software may be included with your phone. These tools are also sold separately.

on your computer

Your phone and memory card appear as two separate removable disks on your computer.

- 1 Find where your phone and memory card appear as Removable Disk icons. On a Windows PC, this is the My Computer window. On a Macintosh® computer, it's on the desktop.
- 2 Double-click the Removable Disk icon for your phone or memory card.
- 3 To copy the desired files onto the phone or memory card, drag and drop them onto the appropriate removable disk icon.
- 4 When you finish, remove the phone safely from your computer:

- **If you are using a PC**, click the Safely Remove Hardware icon in the notification area at the bottom of your computer screen, then select Safely Remove USB Mass Storage Device.
- **If you are using a Mac**, select and drag the Removable Disk icon to the Trash.

create a playlist

create a playlist on your computer

Use Windows Media Player 11 to create a playlist of music files stored on the computer.

On your phone, press  >  Settings
> Connections > USB Setting > Memory Card.





Connect your phone to the computer through a USB cable connection, then drag and drop the playlist onto the phone or memory card.

create a playlist on your phone


Find it:  > Playlists, press Options
> Create New Playlist

- 1 Enter a name for the playlist.
- 2 Select a storage location for the playlist (Memory Card or Phone Memory), then press Save.


music

- 3 Scroll to the playlist you created and press  to select it.
- 4 Scroll to **Add Songs** and press  to select it.
- 5 Scroll to **All Songs, Artists, Albums, Genres** or **Composers** and press  to select it.
- 6 Scroll to the songs you want to add and press  to select them.
- 7 Press **Add** to add the selected songs to the playlist.
- 8 Repeat the procedure to add more songs or press **Back** to return to the **Playlists** menu.


play a playlist

Find it:  > **Playlists**, scroll to the playlist, press **Options** > **Play**

customise the music player


Find it: , press **Options** > **Setup**


You can select the following options:

options	
Shuffle	Play songs in a random order.
Auto-Repeat	Replay the current playlist when the last song finishes playing.
Equalizer	Optimise audio settings for the type of music you play.
Bass Boost	Set overall bass level.
3D Stereo	Set stereo separation level.
Internet Connection	Set your Internet connection preferences. 

When you scroll to a song in a list and press **Options**, you may see additional options for the song and list, such as **Delete**, **Send to** and **Apply to**.

close the music player

To close the music player when the **music player screen** is visible, press  twice.

To close the music player from the **home screen**, press  once.

use the radio

You can use your phone to listen to FM radio stations. You can listen to the radio through the Motorola Original stereo headset included with your phone or through the phone's handsfree speaker.

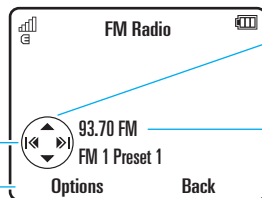


Note: You must plug the supplied stereo headset into the headset jack on your phone to use the radio. The headset acts as a radio antenna to receive radio signals. You can't listen to the radio over a Bluetooth® wireless headset.

Find it: > Radio

Press left/right to go to previous/next frequency setting.

Press up/down to go to next/previous preset.



Select & adjust FM radio options.

Radio Station Frequency, Band, & Preset Number

To **adjust radio volume**: Press the volume keys on the side of your phone.




To **store a preset** station: Press and hold a number key (**1** to **9**) to assign the number to the current tuned station. You can store nine presets in each of three separate FM bands (see the following section for details).






radio

To **select a stored preset** station: Press the number key to select the preset station.


radio options

From the radio screen, press **Options** to select radio options:

options	
Hide	Hide the radio. To return to the radio display, press  >  Radio.
Mute/Unmute	Mute or unmute the radio. Shortcut: Press  to mute and unmute the radio in the radio screen.
Switch to Speaker/ Switch to Headset	Switch sound to your phone speaker or to the attached headset.

options	
Switch Bands	Switch between bands FM 1 , FM 2 and FM 3 . Each band can store nine presets (select presets by pressing number keys  - ).
	Shortcut: Press  to switch bands in the radio screen.
Scan	Briefly hear each station your phone can receive. Press  to stop the scan.
Scan Presets	Briefly hear each stored preset station. Press  to stop the scan.
Presets List	See the list of preset stations.

close the radio

From the radio screen or home screen, press  to close the radio.

use SongID

Use your phone to identify commercially recorded songs played on the radio, television or other music source.



Note: Where available, song recognition is free. Network data charges may apply, track purchases will be billed.

When you hear a song you want to identify:

Find it:  >  SongID

- 1 Click **ID music now**.
- 2 Hold your phone toward the music that is playing (hold near the music source for 15 seconds).
- 3 Wait for the results (this takes a few seconds).
- 4 See what else you can do inside SongID: depending on your location and service, you may be able to buy ringtones, share ID, or see top ID Charts.
- 5 Remember, inside SongID you can ID music at any time just by pressing 1 on your phone keypad.

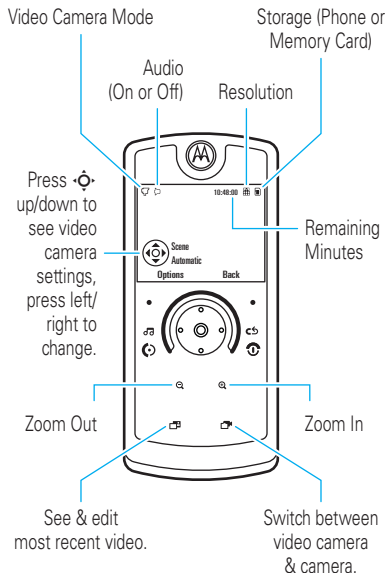
Tips:

- Be sure that music is playing
- Do not sing or hum into the handset
- The music sample must be from recorded (not live) sound for the radio, TV, films, etc.

record a video

Find it: > **Multimedia** > **Video Camera**

The phone display acts as the video camera *viewfinder*.



1 To begin video recording, press .

2 Press **Stop** to stop video recording.

- To store the video, press .
- To send the video in a message, press **Send**.
- To discard the video, press .
- To select other video options, press **Options**. You can choose to **Save Only**, **Discard**, **Send to** (message, email or Bluetooth connection) or **Preview** the video.

Note: To send your video in an MMS text message, the video length must be set to **MMS Short** or **MMS Long** before recording. To set length, press > **Multimedia** > **Camera**, press **Options** > **Camera Settings** > **Video Settings** > **Video Length**.

When the video camera viewfinder is active, press **Options** to set video recording options:

options	
Capture	Begin video recording.
Audio On/Audio Off	Turn audio recording on/off.
Camera Settings	Customise camera settings (see page 38).

videos

upload video to a blog

Upload a video you've recorded to your video blog site:

- 1 Launch your phone's browser (press > **Web Access** > **Browser**).
- 2 Go to a video blogging service website and log in to your account.
- 3 Scroll to **Upload Videos** and press .
- 4 Follow the browser prompts to scroll to the video you want to upload, then press .
- 5 Scroll to **Upload** and press .

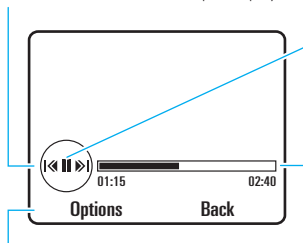
Your phone uploads the video to the blog.

play a video

Find it: > **Multimedia** > **Media Finder** > **Videos**
> *video*

Press left/right
to skip to
previous/next video.

Press to
pause/play the video.




Select & adjust video
camera options.

Timer Shows
% Played

When a video is playing, press **Options** to select video options.

videos

Note: Your phone's options may vary. Most options apply only to user-recorded videos and are not available for pre-installed videos.

options	
Full Screen	Show the video in full screen. (Press  to return to actual size.)
Manage	Show video Properties , such as file name, type and size.
Delete	Delete the video.
Zoom	Show the video at actual size or scale the video to fit the viewing area.
Send to	Send the video in a message or email or send it to another device over a Bluetooth® connection.

options	
Use Bluetooth/ Use Handset	<p>To send the audio soundtrack to a Bluetooth® headset, turn on Bluetooth power, then select Use Bluetooth to connect to a recognised Bluetooth headset or search for a new headset.</p> <p>When a Bluetooth audio connection is active, select Use Handset to drop the Bluetooth connection and switch the audio back to the phone.</p> <p>Note: This option appears only when Bluetooth power is turned on.</p>
Setup	Adjust video settings.

supported video formats

Before you copy video files to your phone, make sure the files are in a format the phone recognises:

MPEG4 + AMR-NB: total bit rate up to 320 kbps - video up to 296 kbps, QVGA, 25 fps - audio up to 12.2 kbps, 8 kHz, mono - .mp4, .3gp, .pvs, .pvp file extensions - MIME Video/mp4, Video/3gpp.
MPEG4 + AMR-WB: total bit rate up to 320 kbps - video up to 296 kbps, QVGA, 25 fps - audio up to 23.85 kbps, 16 kHz, mono - .mp4, .3gp, .pvs, .pvp file extensions - MIME Video/mp4, Video/3gpp.
MPEG4 + AAC/AAC+/Enhanced AAC+: total bit rate up to 350 kbps - video up to 296 kbps, QVGA, 25 fps - audio up to 128 kbps, up to 48 kHz, stereo/mono - .mp4, .3gp, .pvs, .pvp file extensions - MIME Video/mp4, Video/3gpp.
H.263 + AMR-NB: total bit rate up to 320 kbps - video up to 296 kbps, QVGA, 25 fps - audio up to 12.2 kbps, 8 kHz, mono - .3gp, .pvs, .pvp file extensions - MIME Video/mp4, Video/3gpp.
H.263 + AMR-WB: total bit rate up to 320 kbps - video up to 296 kbps, QVGA, 25 fps - audio up to 23.85 kbps, 16 kHz, mono - .3gp, .pvs, .pvp file extensions - MIME Video/mp4, Video/3gpp.
H.263 + AAC/AAC+/Enhanced AAC+: total bit rate up to 350 kbps - video up to 296 kbps, QVGA, 25 fps - audio up to 128 kbps, up to 48 kHz, stereo/mono - .3gp, .pvs, .pvp file extensions - MIME Video/mp4, Video/3gpp.

Real Audio + Video: total bit rate up to 350 kbps - video up to 296 kbps, QVGA, 15 fps - audio up to 64 kbps, up to 48 kHz, stereo/mono - .rm, .rmvb file extensions - MIME Application/x-pn-realmedia, Application/vnd.rn-realmedia.

H.264 + AMR-NB: total bit rate up to 280 kbps - video up to 256 kbps, QCIF, 15 fps - audio up to 12.2 kbps, 8 kHz, mono - .mp4, .3gp file extensions - MIME Video/mp4, Video/3gpp.

H.264 + AMR-WB: total bit rate up to 280 kbps - video up to 256 kbps, QCIF, 15 fps - audio up to 23.85 kbps, 16 kHz, mono - .mp4, .3gp file extensions - MIME Video/mp4, Video/3gpp.

H264 + AAC/AAC+/Enhanced AAC+: total bit rate up to 350 kbps - video up to 256 kbps, QCIF, 15 fps - audio up to 128 kbps, up to 48 kHz, stereo/mono - .mp4, .3gp file extensions - MIME Video/mp4, Video/3gpp.

WMV 9 + WMA v9 L2 (also WMA v3, v7, v8): total bit rate up to 224 kbps - video up to 96 kbps, QCIF, 15 fps - audio up to 128 kbps, up to 48 kHz, stereo/mono - .asf, .wmv file extensions - MIME Video/x-ms-wmv.

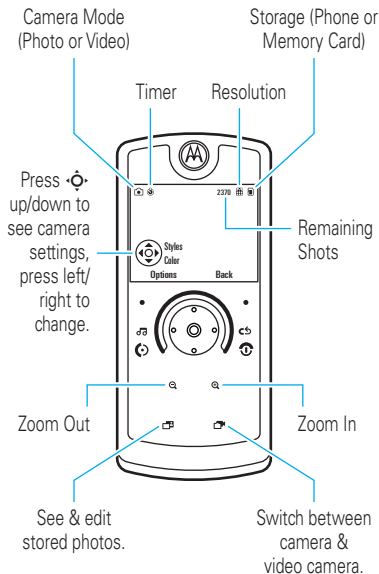
camera


take a photo

Find it:  >  Multimedia > Camera

Shortcut: From the home screen, press the side select key to activate the camera.

Shortcut: The phone display acts as the camera viewfinder.



Use the viewfinder to compose your scene, then press  to take the photo.

camera

- To store the photo, press .
- To send the photo in a message, press **Send**. 
- To discard the photo, press .
- To select other photo options, press **Options**. You can choose to **Save Only**, **Delete** **Send to** (message, email, Bluetooth connection or postcard), **Apply to** (wallpaper, screensaver, new or existing contact), **Edit** or **Print via** (Bluetooth connection, USB connection or memory card).

view a photo

To view a stored photo that you've taken:

Find it:  >  **Multimedia** > **Media Finder** > **Pictures** > **Captured Pictures** > *photo*

auto-send

You can set up your phone to automatically send the photos you take to a list of contacts you specify.

To use auto-send, you first must activate the auto-save feature:

Find it:  >  **Multimedia** > **Camera**, press **Options** > **Camera Settings** > **Auto-Save** > **Enable**

Then set the storage location for auto-saved photos:



Find it:  >  **Multimedia** > **Camera**, press **Options** > **Camera Settings** > **Storage Location** > **Phone** or **Memory Card**

Then activate auto-send:




Find it:  >  **Multimedia** > **Camera**, press **Options** > **Camera Settings** > **Auto-Send** > **Enable**





To specify message recipients for the photos you take:

Find it:  >  **Multimedia** > **Camera**, press **Options** > **Camera Settings** > **Message Recipients**

Tip: To send your photo in an MMS text message, the picture resolution must be set to **X-Small**, **Small** or **Medium**. To set resolution, press  >  **Multimedia** > **Camera**, press **Options** > **Camera Settings** > **Picture Settings** > **Resolution**.

camera settings

When the viewfinder is active, you can use the navigation key  to adjust the following camera settings. Press  up or down to scroll to a setting, then press  left or right to change it:

settings	
Styles	Press  left/right to select Colour , Black & White , Antique , Negative , Reddish , Greenish or Bluish .
Scene	Press  left/right to select Automatic , Night or Manual .
Exposure	(Set Scene to Manual to adjust.) Press  left/right to decrease/increase the exposure setting.
Lighting Conditions	(Set Scene to Manual to adjust.) Press  left/right to select Automatic , Sunny , Cloudy , Indoor (Home) or Indoor (Office) .

settings

Tag Select a predefined text tag to apply to the photo(s) you take. (To create a tag, press **Options > Camera Settings > Tag > Create New Tag**).

When the viewfinder is active, press **Options** to select the following camera options:

options

Capture	Take a photo.
Auto-Timer	Set a timer to take a photo.
Multi-Shot	Quickly take multiple photos.

options

Camera Settings

Customise camera settings:

- Review Time
- Tag
- Default Name
- Storage Location
- Auto-Save
- Auto-Send
- Message Recipients
- Picture Settings
 - Resolution
 - Shutter Tone
 - Quality
- Video Settings
 - Resolution
 - Capture Tone
 - Quality
 - Video Length

accessories



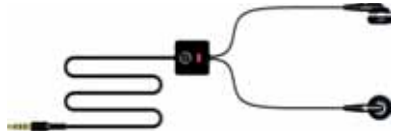
H680 Bluetooth® Headset



JBL R220 3.5 mm Headset



**T505 Bluetooth® Handsfree
Car Kit/Speakerphone**



**3.5 mm FM Optimised Headset
(part number SYN2356A)**



H800 Bluetooth® Headset



S9 Bluetooth® Stereo Headphones

accessories



**P790 POWR Portable Charger
with micro-USB adapter**



**microSD Removable Memory Card
(up to 4 GB)**

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battery use & safety

- **Motorola recommends you always use Motorola-branded batteries and chargers.**

The warranty does not cover damage caused by non-Motorola batteries and/or chargers.

Caution: Use of an unqualified battery or charger may present a risk of fire, explosion, leakage or other hazard. Improper battery use or use of a damaged battery, may result in a fire, explosion or other hazard.

- Battery usage by children should be supervised.
- **Important:** Motorola mobile devices are designed to work best with qualified batteries. If you see a message on your display such as **Invalid Battery** or **Unable to Charge**, take the following steps:
 - Remove the battery and inspect it to confirm that it bears a Motorola “Original Equipment” hologram;
 - If there is no hologram, the battery is not a qualified battery;
 - If there is a hologram, replace the battery and retry charging it;
 - If the message remains, contact a Motorola Authorised Service Centre.
- New batteries or batteries stored for a long time may take more time to charge.
- **Charging precautions:** When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.

Always take your mobile device with you when you leave your vehicle.

- When storing your battery, keep it in a cool, dry place.
- It is normal over time for battery life to decrease and for the battery to exhibit shorter runtime between charges or require more frequent or longer charging times.
- **Avoid damage to battery and mobile device.** Do not disassemble, open, crush, bend, deform, puncture, shred or submerge the battery or mobile device. Avoid dropping the battery or mobile device, especially on a hard surface. If your battery or mobile device has been subjected to such damage, take it to a Motorola Authorised Service Centre before using. Do **not** attempt to dry it with an appliance or heat source, such as a hair dryer or microwave oven.
- **Use care when handling a charged battery**—particularly when placing it inside a pocket, purse or other container with metal objects. Contact with metal objects (such as jewellery, keys, beaded chains) could complete an electrical circuit (short circuit), causing the battery to become very hot, which could cause damage or injury.

Promptly dispose of used batteries in accordance with local regulations. Contact your local recycling centre for proper battery disposal.



Warning: Never dispose of batteries in a fire because they may explode.

Specific Absorption Rate Data

This model meets international guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate or SAR. The ICNIRP SAR limit for mobile devices used by the general public is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.89 W/kg.¹ As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide.² In this case, the highest tested SAR value is 0.62 W/kg.¹

As SAR is measured utilising the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a "hands-free" device to keep the mobile phone away from the head and body.

Additional Information can be found on the websites of the World Health Organization (<http://www.who.int/emf>) or Motorola, Inc (<http://www.motorola.com/rfhealth>).

1. The tests are carried out in accordance with international guidelines for testing. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements. Additional related information includes the Motorola testing protocol, assessment procedure and measurement uncertainty range for this product.
2. Please see the Safety and General Information section about body worn operation.

OPEN SOURCE SOFTWARE INFORMATION

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device you may send your request in writing to:

MOTOROLA, INC.
OSS Management
600 North US Hwy 45
Libertyville, IL 60048
USA

The Motorola website opensource.motorola.com also contains information regarding Motorola's use of open source.

Motorola has created the opensource.motorola.com to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licences, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, follow these instructions:

- 1 From the phone Main Menu, select Settings.
- 2 From Settings, select Phone Settings.
- 3 From Phone Settings, select Legal Notices.

www.motorola.com

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality and other product specifications, as well as the information contained in this user guide are based upon the latest available information and are believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Software Copyright Notice

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exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in the Motorola products may not be modified, reverse-engineered, distributed or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the Motorola products shall not be deemed to grant either directly or by implication, estoppel or otherwise, any licence under the copyrights, patents or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free licence to use that arises by operation of law in the sale of a product.

Manual Number: 6803632F58

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